

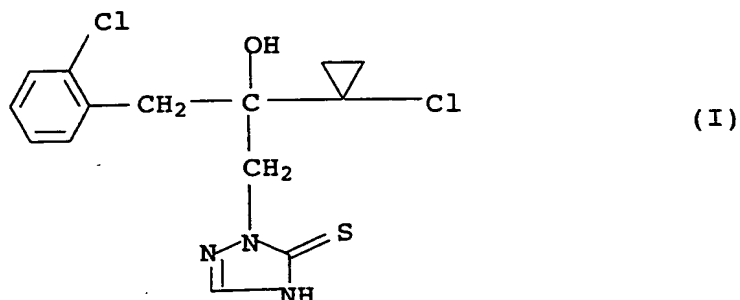
We claim:

1. A fungicidal mixture, comprising

5

(1) 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-2,4-dihydro-[1,2,4]-triazole-3-thione (prothioconazole) of the formula I or its salts or adducts

10



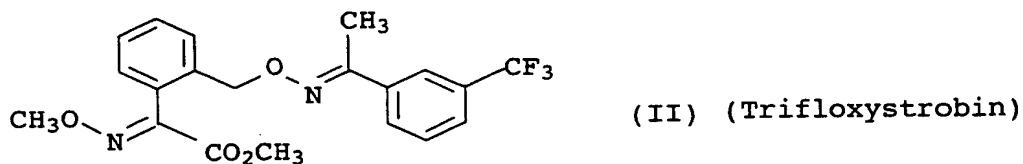
15

20 and

at least one further fungicidal compound or its salts or adducts, selected from the group consisting of

25 (2) trifloxystrobin of the formula II

30

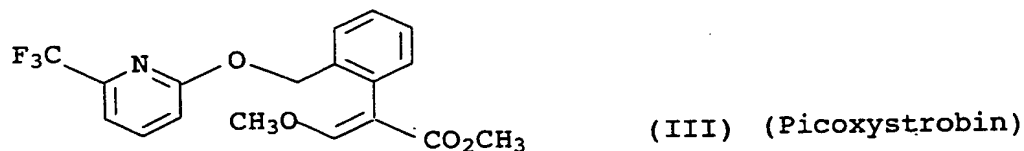


and

35

(3) picoxystrobin of the formula III

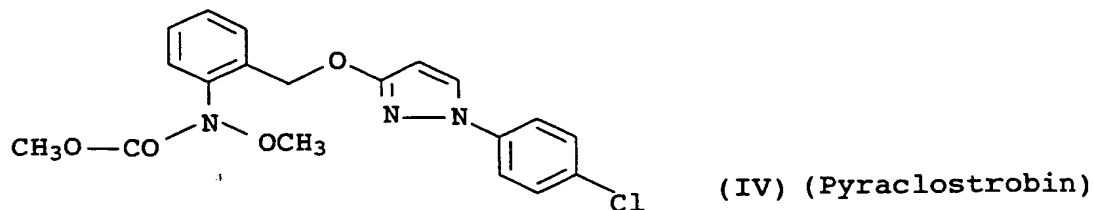
40



45

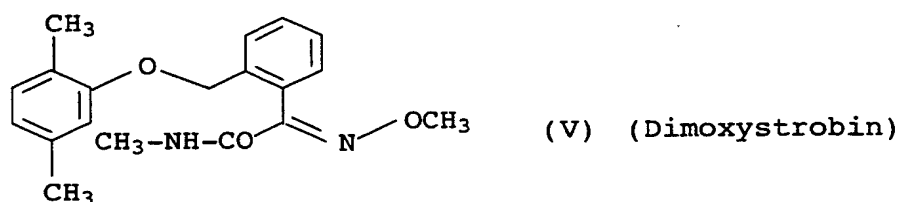
and

(4) pyraclostrobin of the formula IV



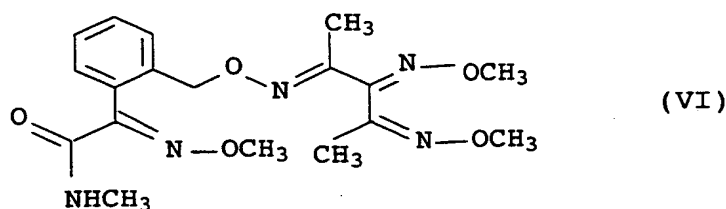
10 and

(5) dimoxystrobin of the formula V



20 and

(6) a strobilurin derivative of the formula VI



30 in a synergistically effective amount.

35

2. A fungicidal mixture as claimed in claim 1, comprising prothioconazole of the formula I and trifloxystrobin of the formula II.

40 3. A fungicidal mixture as claimed in claim 1, comprising prothioconazole of the formula I and picoxystrobin of the formula III.

45 4. A fungicidal mixture as claimed in claim 1, comprising prothioconazole of the formula I and pyraclostrobin of the formula IV.

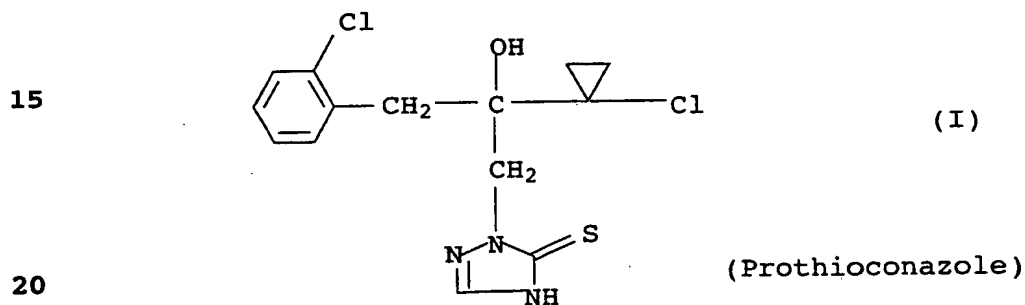
5. A fungicidal mixture as claimed in claim 1, comprising prothioconazole of the formula I and dimoxystrobin of the formula V.
- 5 6. A fungicidal mixture as claimed in claim 1, comprising prothioconazole of the formula I and the strobilurin derivative of the formula VI.
7. A fungicidal mixture as claimed in claim 1, wherein the
10 weight ratio of prothioconazole of the formula I to
 - trifloxystrobin of the formula II is from 20:1 to 1:20,
 - picoxystrobin of the formula III is from 20:1 to 1:20,
 - 15 - pyraclostrobin of the formula IV is from 20:1 to 1:20,
 - dimoxystrobin of the formula V is from 20:1 to 1:20 and
 - 20 - the strobilurin derivative of the formula VI is from 20:1 to 1:20.
8. A method for controlling harmful fungi, which comprises treating the harmful fungi, their habitat or the plants,
25 seeds, soils, areas, materials or spaces to be kept free from them with the fungicidal mixture as claimed in claim 1.
9. A method as claimed in claim 8, wherein the compound of the formula I as set forth in claim 1 and at least one compound
30 of the formula II, III, IV, V or VI as set forth in claim 1 are applied simultaneously, that is together or separately, or in succession.
10. A method as claimed in claim 8 or 9, wherein the fungicidal
35 mixture or the compound of the formula I with at least one compound of the formula II, III, IV, V or VI as set forth in claim 1 is applied in an amount of from 0.01 to 8 kg/ha.
11. A fungicidal composition, comprising the fungicidal mixture
40 as claimed in claim 1 and a solid or liquid carrier.

Fungicidal mixtures based on prothioconazole and a strobilurin derivative

5 Abstract

A fungicidal mixture, comprising

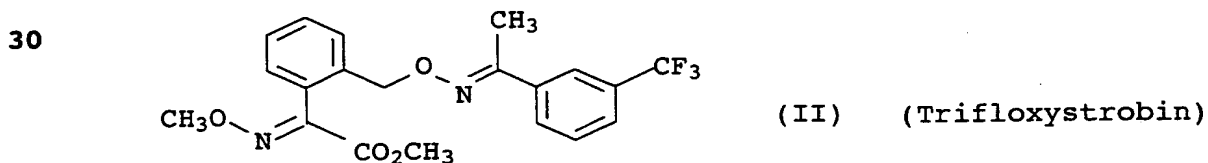
- (1) 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-2,4-dihydro-[1,2,4]-triazole-3-thione of the formula I or its salts or adducts



and

at least one further fungicidal compound or its salts or adducts, selected from the group consisting of

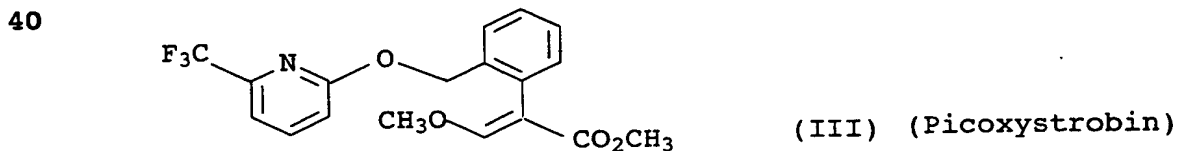
- (2) trifloxystrobin of the formula II



35

and

- (3) picoxystrobin of the formula III

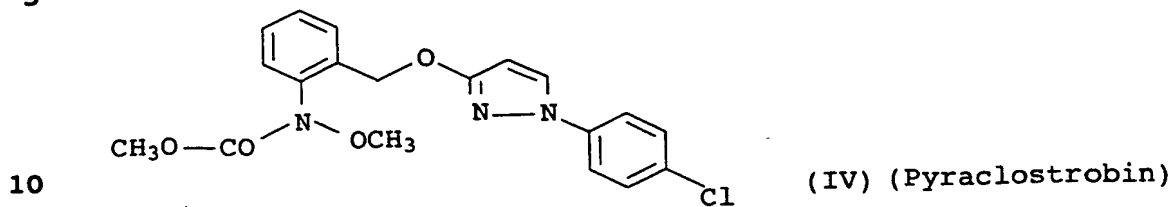


45

and

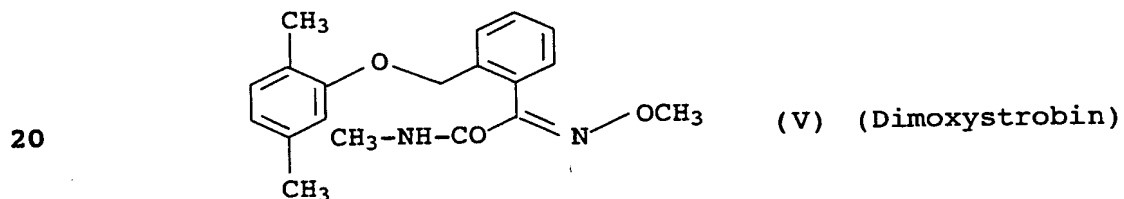
(4) pyraclostrobin of the formula IV

5



and

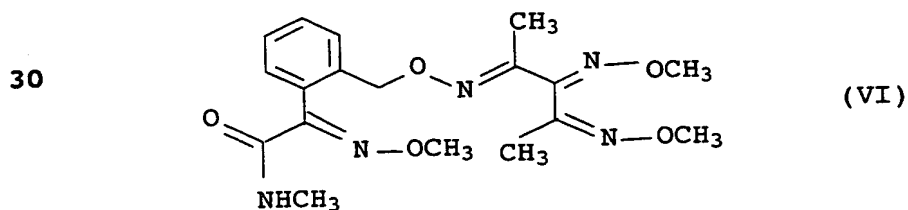
15 (5) dimoxystrobin of the formula V



and

25

(6) a strobilurin derivative of the formula VI



35

in a synergistically effective amount
is described.

40

45